

MSA Uncoded SFP+ Module - 10GBASE-ZR - 10GbE Single Mode Fiber (SMF) Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 80km - 1550nm - DDM

**Product ID:** SFP10GBZRST



The SFP10GBZRST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 10GBASE-ZR compatible MSA switches and routers. The SFP+ transceiver module supports a maximum distance of up to 80 km (49.7 mi) and delivers dependable 10 GbE connectivity over fiber cabling. **Technical Specifications:**

- Wavelength: 1550 nm
- Maximum Data Transfer Rate: 10 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 80 km (49.7 mi)
- Power Consumption: Less than 1.6 Watts
- DDM: Yes

This SFP+ fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

All StarTech.com SFP & SFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of SFP modules and direct-attach SFP Cables, providing the convenience and reliability you need to ensure dependable network performance.

## Certifications, Reports and Compatibility



## Applications

- Replace defective or damaged SFP+ modules
- Expand your network to remote segments

## Features

- **100% MSA UNCODED SFP+ TRANSCEIVER:** Designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver reliable 10GbE connectivity
- **TECHNICAL SPECS:** 10GBASE-ZR 10Gbps Single Mode (SMF) LC Connector 1550nm Digital Diagnostic Monitoring (DDM) Distances up to 80km (49.7mi)
- **TESTED FOR COMPATIBILITY:** Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.
- **WORKS WITH MSA COMPLIANT SWITCHES:** Works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance

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### Hardware

Warranty	Lifetime
Compatible Brand	MSA Compliant
WDM	No
Industry Standards	IEEE 802.3ae 10GBASE-ZR

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### Performance

Maximum Data Transfer Rate	10 Gbps
Max Transfer Distance	80 km (49.7 mi)
Type	Single Mode
Wavelength	1550nm
Fiber Operating Mode	Full-Duplex

DDM	Yes
Compatible Networks	10 Gbps
Power Consumption (In Watts)	< 1.6 W

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**Connector(s)**

Local Unit Connectors	1 - Fiber Optic LC Duplex
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**Environmental**

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	5~95% RH

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**Physical Characteristics**

Product Length	2.3 in [58.4 mm]
Product Width	0.5 in [13.9 mm]
Product Height	0.5 in [1.3 cm]
Weight of Product	0.8 oz [24.0 g]

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**Packaging Information**

Package Length	4.5 in [11.5 cm]
Package Width	3.5 in [90.0 mm]
Package Height	1.2 in [30.0 mm]
Shipping (Package) Weight	1.9 oz [54.0 g]

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**What's in the Box**

Included in Package	1 - SFP+ transceiver
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*\*Product appearance and specifications are subject to change without notice.*